

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A process for producing an organic-inorganic hybrid glassy material, ~~characterized in that~~ the process ~~comprises~~ comprising at least the three sequential steps of:

producing a gel body by a sol-gel method in which at least one kind of a silicon alkoxide containing a phenyl group is used as a sol-gel raw material;

melting the gel body by heating into a melt; and

aging the melt at a temperature of from 30°C to 400°C for a period of time of 5 minutes or longer; ~~wherein the aging step involves treating at a temperature of from 30°C to 400°C for a period of time of 5 minutes or longer and wherein at least one kind of a sol-gel raw material containing a phenyl group is used.~~

2. (Currently Amended) A process for producing an organic-inorganic hybrid glassy material as claimed in claim 1, ~~characterized in that~~ wherein a structure of the gel body contains ~~a metal unit having an organic functional group~~ a unit represented by the formula of $\text{Ph}_n\text{SiO}_{(4-n)/2}$ where Ph represents a phenyl group and n represents a natural number selected from 1, 2 and 3.

3. (Cancelled)

4. (Currently Amended) A process for producing an organic-inorganic hybrid glassy material as claimed in claim 1, ~~characterized in that~~ wherein the melting step by heating is ~~treated~~ conducted at a temperature of from 30°C to 400°C.

5.-22. (Cancelled)

23. (Currently Amended) A process for producing an organic-inorganic hybrid glassy material, ~~characterized in that~~ the process comprising the sequential steps of:

producing a gel body produced by a sol-gel method in which at least one kind of a silicon alkoxide containing a phenyl group is used as a sol-gel raw material;

mixing the gel body with and a substance obtained by a non-aqueous acid-base reaction method ~~are mixed together, followed by~~ to prepare a mixture;

a melting the mixture by heating into a melt; and ~~then an~~

aging the melt ~~step involving treatment~~ at a temperature of from 30°C to 400°C for a period of time of 5 minutes or longer.

24. (Currently Amended) A process for producing an organic-inorganic hybrid glassy material as claimed in claim 23, ~~characterized in that~~ wherein the gel body produced by the sol-gel method contains $\text{RSiO}_{3/2}$ or R_2SiO (wherein R represents ~~an organic functional group~~ a phenyl group).

25. (Currently Amended) A process for producing an organic-inorganic hybrid glassy material as claimed in claim 23 or 24, ~~characterized in that~~ wherein the substance obtained by the non-aqueous acid-base reaction method contains R_2SiO (wherein R represents a methyl or ethyl group), P_2O_5 and SnO .

26. (Currently Amended) A process for producing an organic-inorganic hybrid glassy material as claimed in claim 23, ~~characterized in that~~ wherein the melting step by heating is ~~treated~~ conducted at a temperature of from 30°C to 400°C.

27.-29. (Cancelled)